

High performance SC cut crystal in HC-36 package



Ultra stable 5 Mhz SC cut crystal

FEATURES

- very good ageing
- very good phase noise
- very high Q factor
- high turnover point
- good mechanical characteristics
- pre-aged



All dimensions are typical, in mm.

standard specification

Characteristics	Frequency (MHz)	5.000	Notes
Cut and Mode		SC, 3rd overt.	
Turnover point	To (°C)	@ 79 ± 5°C	Note 1
Calibration at turnover point	Δ F/F (ppm)	± 2	
Ageing / year	Δ F/F (ppm)	± 0.03	After 30 days operating
Drive level	Po (μW)	100	
Motional resistance	R1 (Ω)	110	maximum value
Motional capacitance	C1 (fF)	0.17	± 10%
Motional inductance	L1 (H)	5.5	± 10%
Static capacitance	Co (pF)	3.3	maximum value
Quality factor	Q min	2000	
Phase noise	(dB)@10Hz	- 130	Note 2
Spurious resistance	Rp/R1	2	minimum value

note 2 : available turnover points from 75 to 90°C thanks to 2 types of SC-Cut.

note 2 : measured on our internal OCXOs.

